

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035584.D
 Acq On : 10 Sep 2020 15:10
 Operator : SY/AP
 Sample : QC090320 CAN 10439
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10439

Quant Time: Sep 11 08:12:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1114583	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4574777	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4580765	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3397102	10.44	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

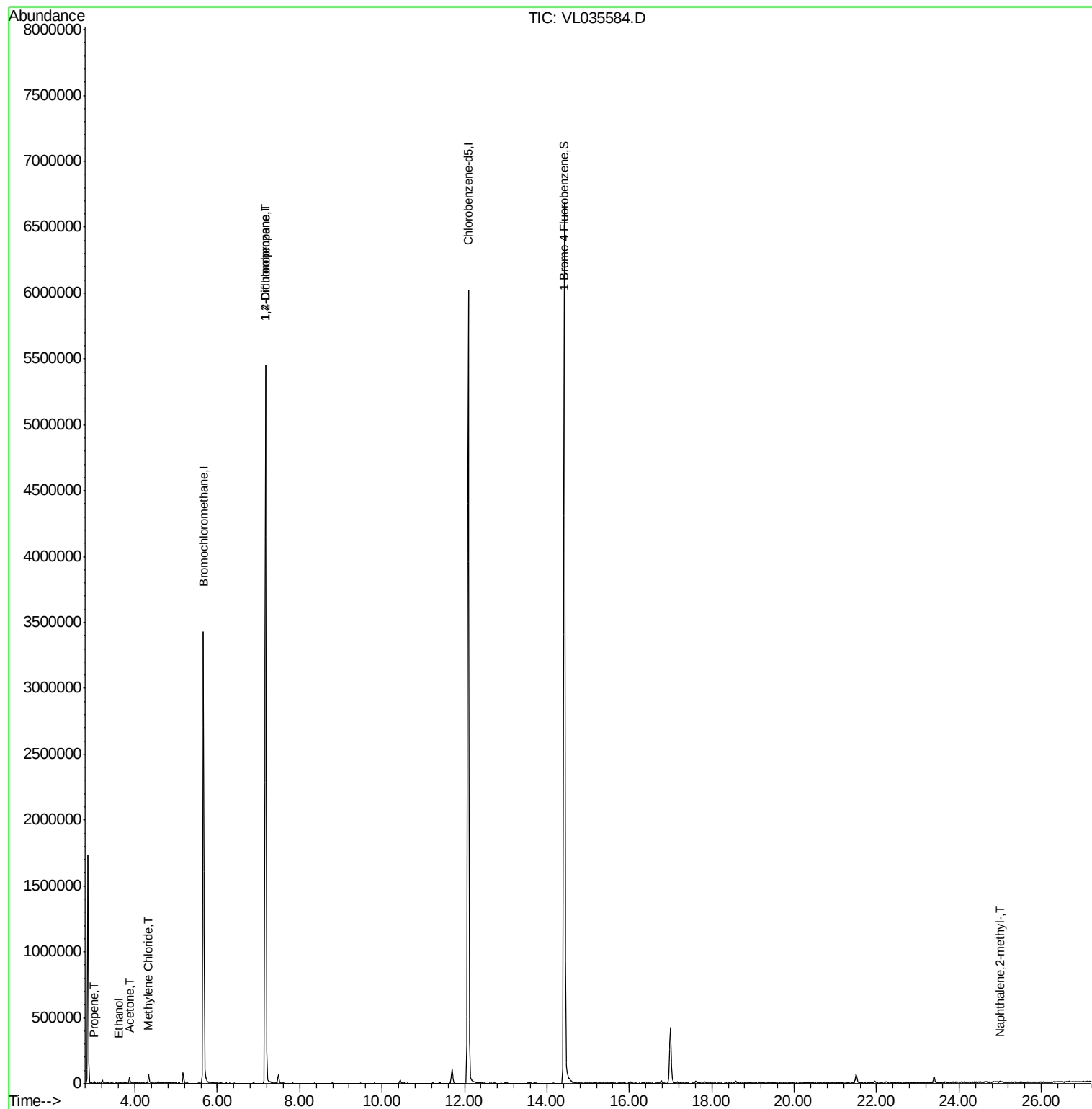
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3251	0.068	ppbv	93
13) Ethanol	3.61	45	1031	0.087	ppbv	69
15) Acetone	3.86	43	31576	0.257	ppbv #	29
20) Methylene Chloride	4.33	84	26330	0.288	ppbv	94
39) 1,2-Dichloropropane	7.17	63	849338	8.490	ppbv #	32
80) Naphthalene,2-methyl-	25.00	142	7627	0.039	ppbv	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL035584.D

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MSVOA_L

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QC090320 CAN 10439

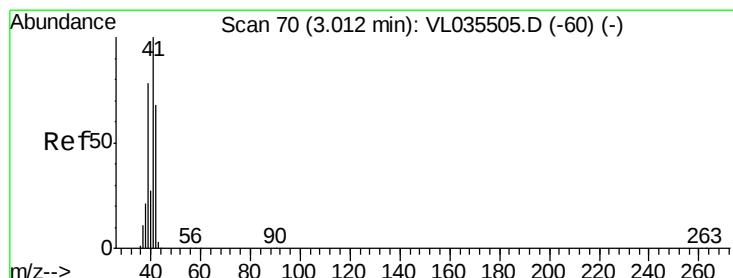
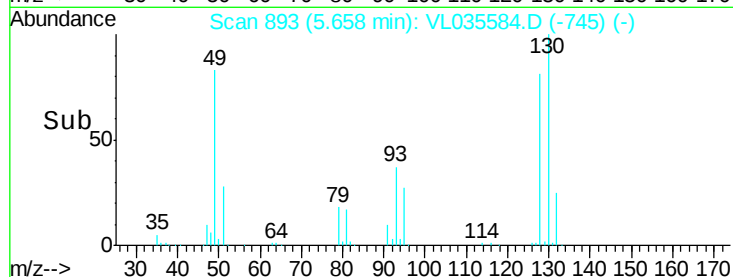
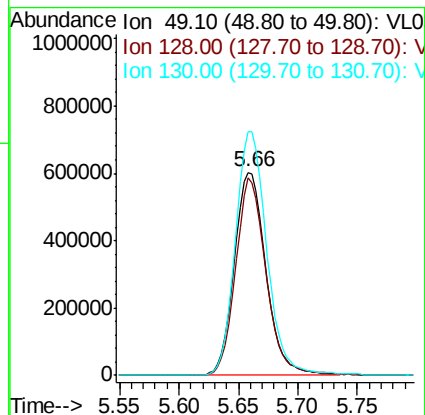
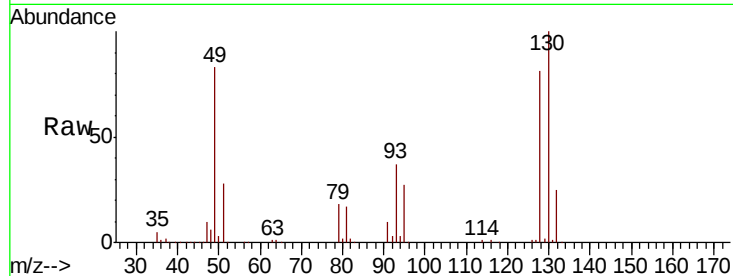
Tot Ion: 49 Resp: 1114583

Ion Ratio Lower Upper

49 100

128 93.9 50.0 150.1

130 120.0 64.4 193.2



#9

Propene

Concen: 0.068 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL035584.D

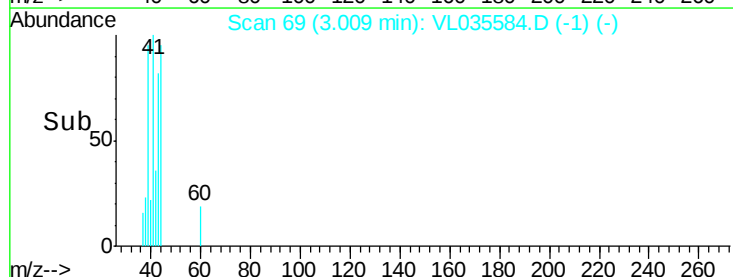
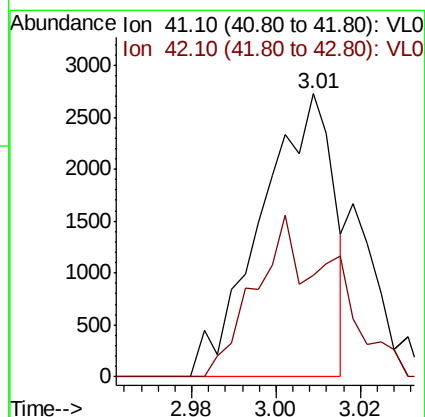
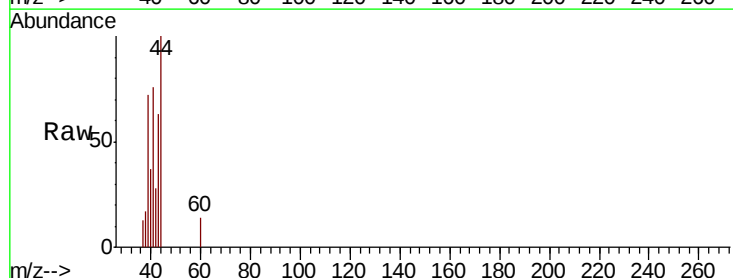
Acq: 10 Sep 2020 15:10

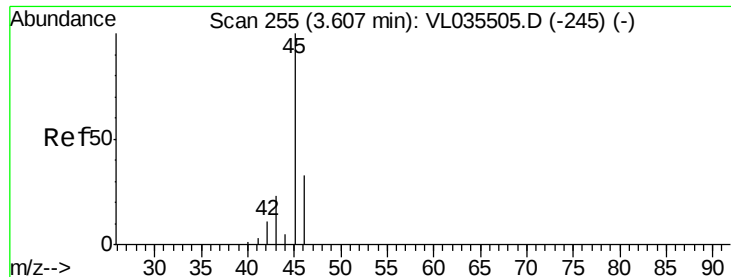
Tgt Ion: 41 Resp: 3251

Ion Ratio Lower Upper

41 100

42 64.3 56.3 84.5





#13

Ethanol

Concen: 0.087 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL035584.D

Acq: 10 Sep 2020 15:10

Instrument :

MSVOA_L

ClientSampleId :

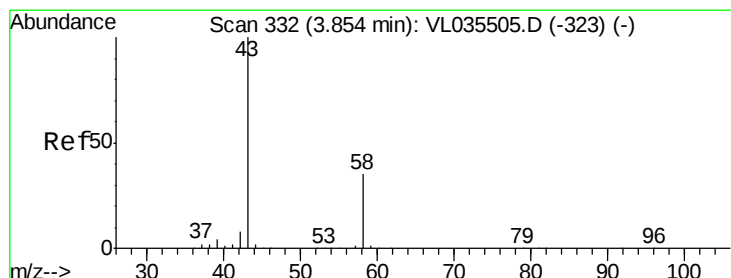
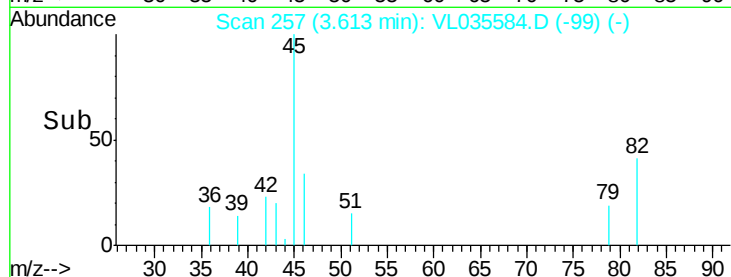
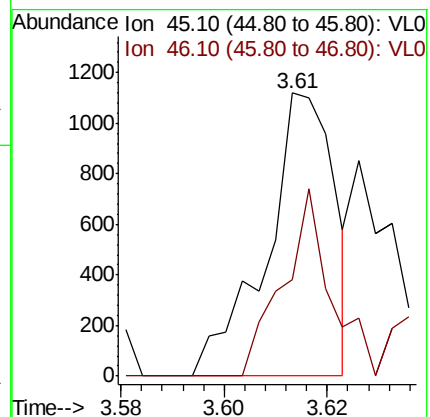
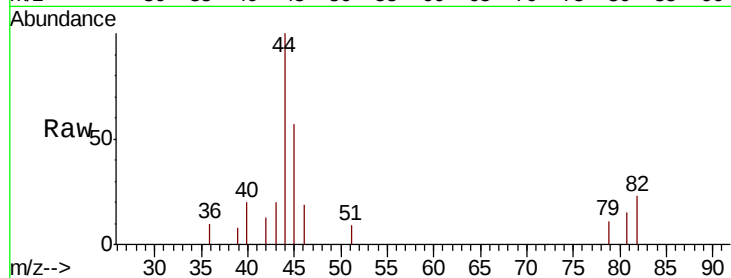
QC090320 CAN 10439

Tot Ion: 45 Resp: 1031

Ion Ratio Lower Upper

45 100

46 56.5 15.2 60.6



#15

Acetone

Concen: 0.257 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL035584.D

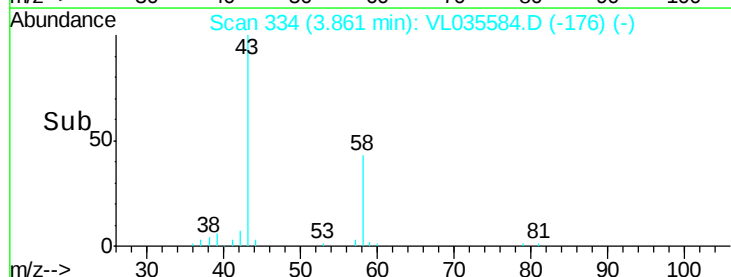
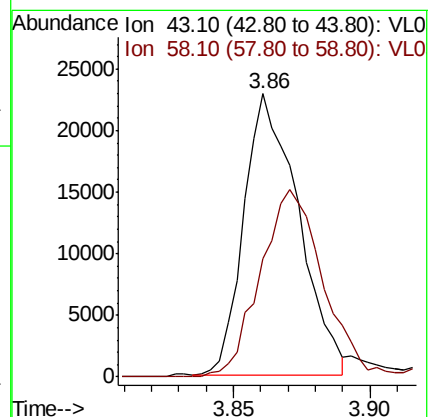
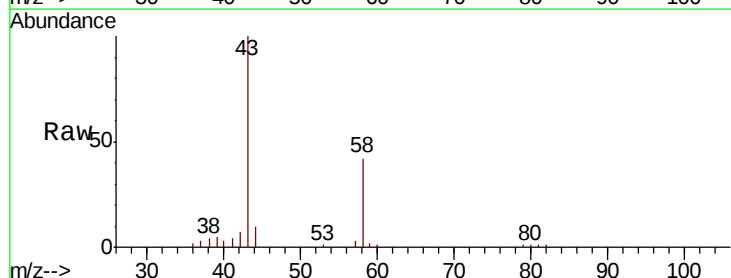
Acq: 10 Sep 2020 15:10

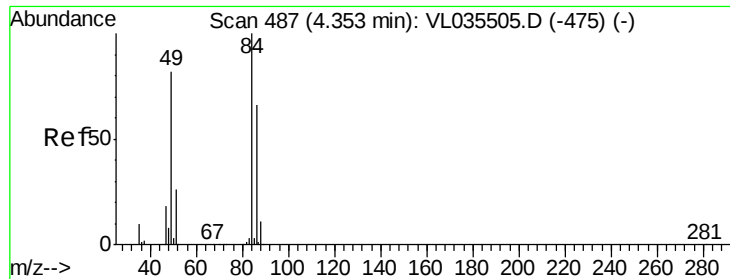
Tgt Ion: 43 Resp: 31576

Ion Ratio Lower Upper

43 100

58 77.3 28.4 42.6#

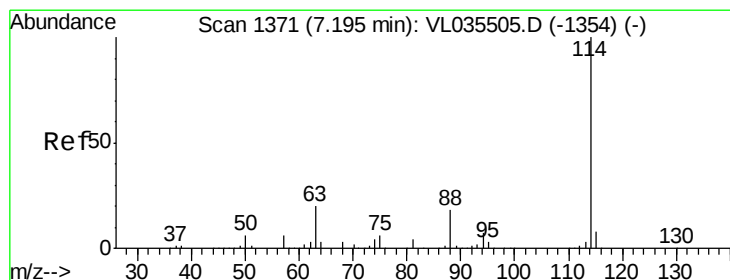
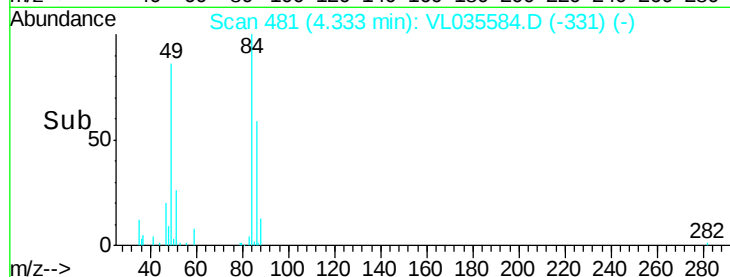
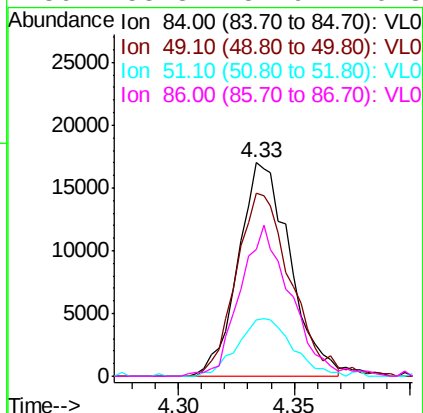
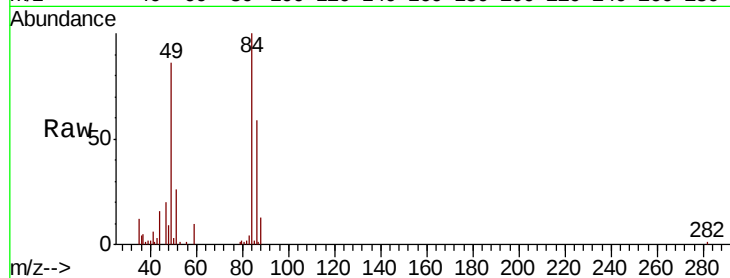




#20
Methylene Chloride
Concen: 0.288 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035584.D
Acq: 10 Sep 2020 15:10

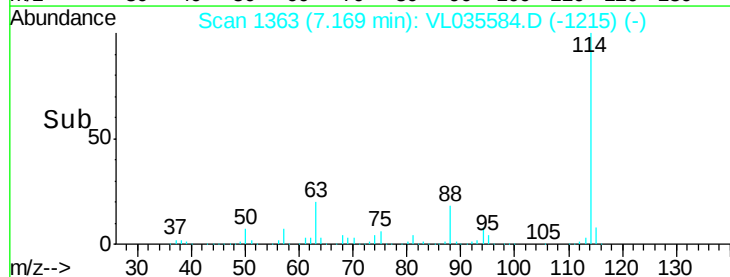
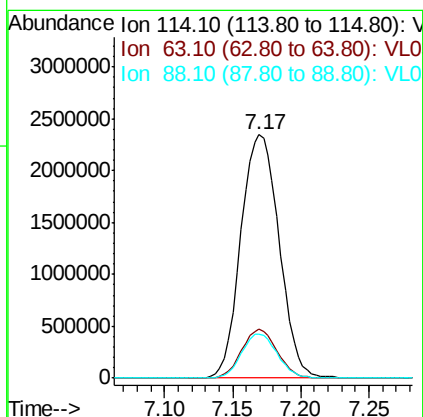
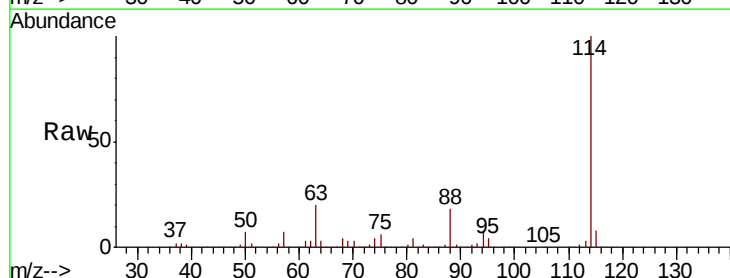
Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10439

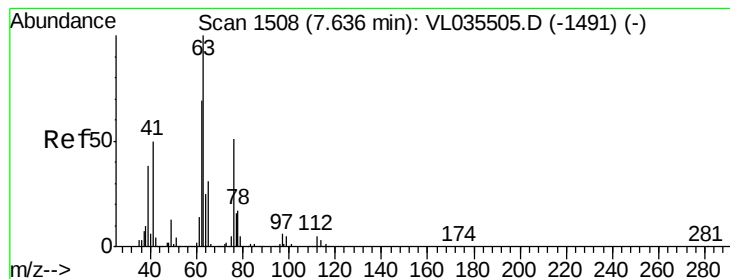
Tot Ion:	84	Resp:	26330
Ion	Ratio	Lower	Upper
84	100		
49	85.6	65.4	98.0
51	26.1	21.5	32.3
86	58.3	52.9	79.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035584.D
Acq: 10 Sep 2020 15:10

Tgt Ion:	114	Resp:	4574777
Ion	Ratio	Lower	Upper
114	100		
63	18.6	14.7	22.1
88	17.0	13.4	20.2





#39

1,2-Dichloropropane

Concen: 8.490 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.47 min

Lab File: VL035584.D

Acq: 10 Sep 2020 15:10

Instrument :

MSVOA_L

ClientSampleId :

QC090320 CAN 10439

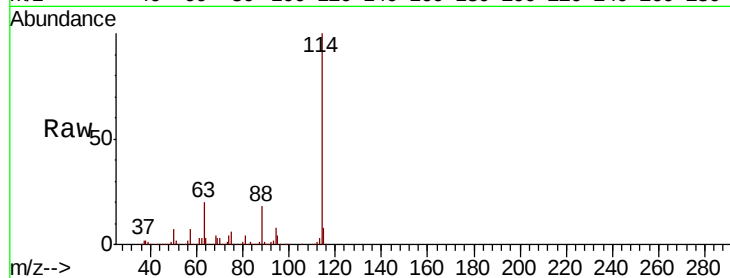
Tot Ion: 63 Resp: 849338

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

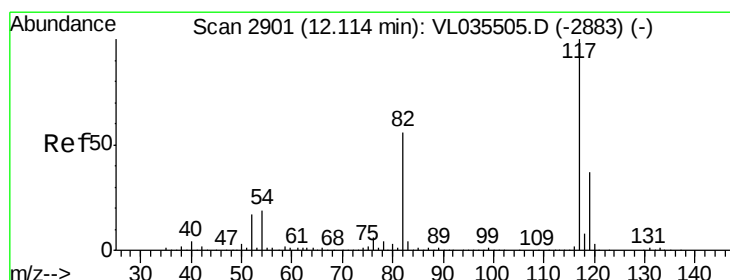
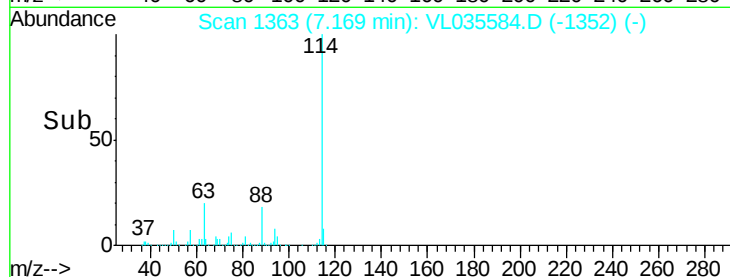
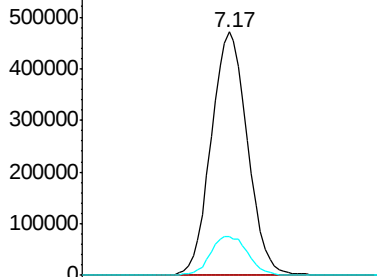
62 15.8 55.4 83.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.03 min

Lab File: VL035584.D

Acq: 10 Sep 2020 15:10

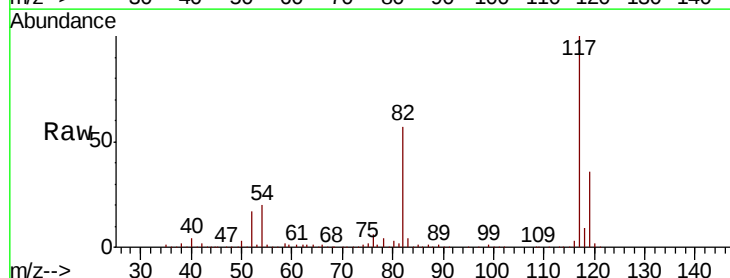
Tgt Ion: 117 Resp: 4580765

Ion Ratio Lower Upper

117 100

82 55.8 41.6 62.4

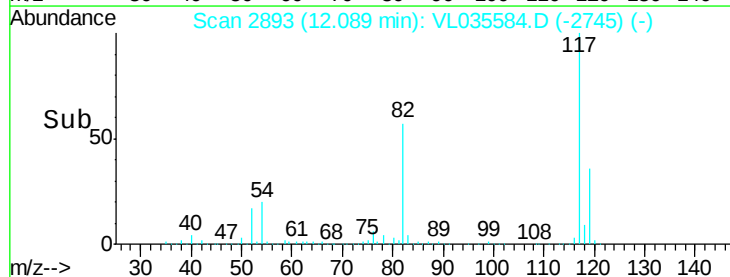
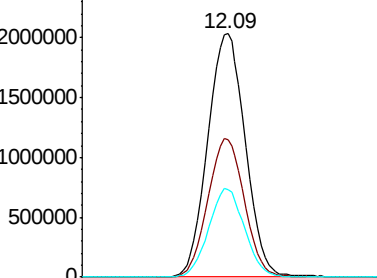
119 34.9 29.3 43.9

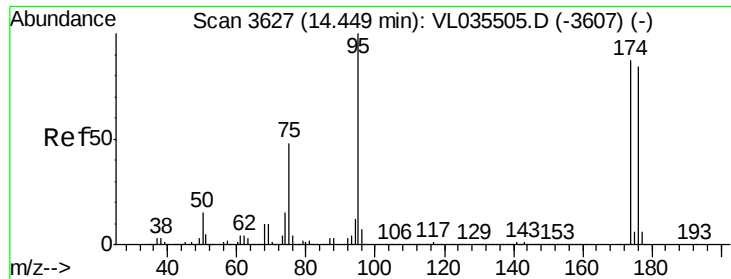


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

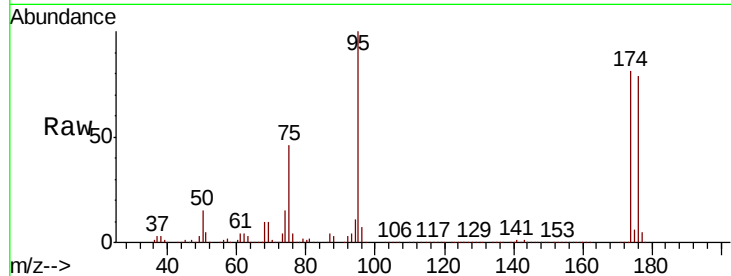




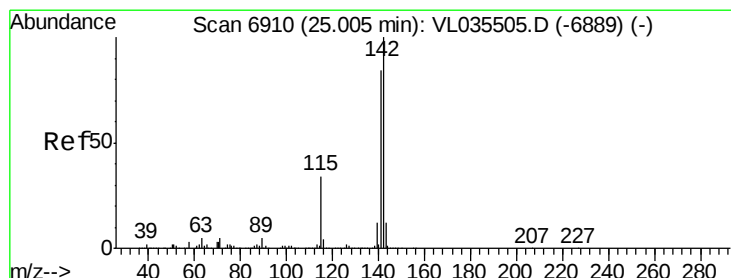
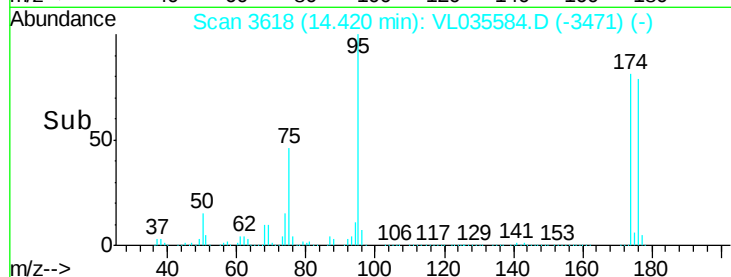
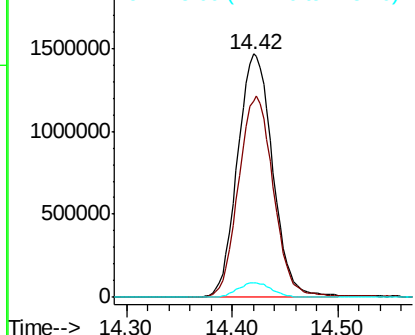
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.443 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.03 min
 Lab File: VL035584.D
 Acq: 10 Sep 2020 15:10

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10439

Tot Ion: 95 Resp: 3397102
 Ion Ratio Lower Upper
 95 100
 174 83.3 69.6 104.4
 175 6.1 5.1 7.7

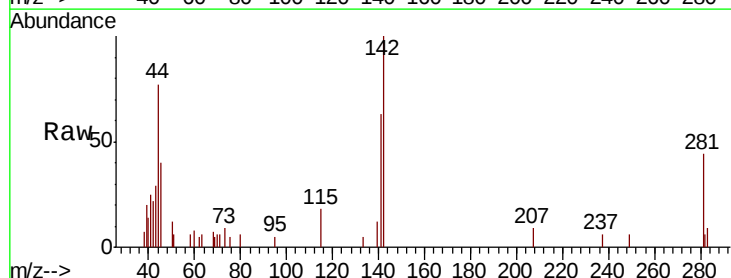


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



#80
 Naphthalene, 2-methyl-
 Concen: 0.039 ppbv
 RT: 25.00 min Scan# 6909
 Delta R.T. -0.00 min
 Lab File: VL035584.D
 Acq: 10 Sep 2020 15:10

Tgt Ion: 142 Resp: 7627
 Ion Ratio Lower Upper
 142 100
 141 79.5 67.6 101.4
 115 33.8 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): V
 Ion 141.00 (140.70 to 141.70): V
 Ion 115.00 (114.70 to 115.70): V

